



ABSTRACT OF THE INVENTION

A strategic response control for an air conditioning system for use in an environment with increased power rates during a designated peak period. The air conditioning system includes a power board for operating the air conditioning system in one or more operating status having a controller with a processor and a real time clock, an indoor temperature sensor for generating an input signal representing the indoor temperature, an outdoor temperature sensor for generating an input signal representing the outdoor temperature, and an operating program that sets a maximum comfort level temperature, a minimum comfort level temperature and a warmup rate for the environment in which the air conditioner operates, and has a procedure for precooling the environment before the peak period, wherein on activation, the processor signals the power board to enter an operating state for precooling and an "off" or lower level operating state during the peak period.